

CLAIMS

1) A container (3) for sealing liquid for repairing inflatable articles, in particular, tyres, and comprising
5 a vessel (15) having an opening (17), and on-off means (18) fitted to said opening (17); characterized in that said on-off means comprise a valve device (18) having an inlet (27c) connectable to a compressed-air feed line (4), and an outlet (29a) for dispensing the sealing
10 liquid; said valve device (18) comprising at least one control member (30) movable, in response to pressurization of said feed line (4), from a closed position closing said valve device (18) and wherein said inlet (27c) and said outlet (29a) are isolated from the
15 inside of said container (3), to an open position wherein said inlet (27c) and said outlet (29a) communicate with the inside of said container (3).

2) A container as claimed in Claim 1, characterized in that said valve device (18) comprises elastic means
20 (31) for keeping said control member (30) stably in said closed position in the absence of pressure to said inlet (27c).

3) A container as claimed in Claim 2, characterized in that said valve device (18) comprises a body (19)
25 housed in fluidtight manner in said opening (17) of said vessel (15) and having at least one first hole (24) and at least one second hole (25) axially spaced apart and communicating with the inside of said container (3); said

inlet (27c) and said outlet (29a) being defined by respective axial passages (27c, 29a) of said body (19) which are open outwards of said container (3); said control member being defined by a slide (30) which slides
5 axially in said body (19) and has sealing means (34a, 34b, 35a, 35b) for isolating said first hole (24) and said second hole (25) from said inlet (27c) and from said outlet (29a) in said closed position, and for isolating said first hole (24) from said outlet (29a) and said
10 second hole (25) from said inlet (27c) in said open position.

4) A container as claimed in Claim 3, characterized in that said body (19) comprises a lateral wall (20) having said holes (24, 25); and an axial tubular rod (27) defining with the lateral wall an annular chamber (36)
15 along which said slide (30) slides; said axial passages (27a, 29a) defining said inlet (27c) and said outlet (29a) being defined by an axial cavity (27c) of said rod (27) and by at least one axial passage (29a) formed
20 between said rod (27) and said lateral wall (20) of said body (19), or vice versa.

5) A container as claimed in any one of the foregoing Claims, characterized by comprising a stand.

6) A container as claimed in any one of the foregoing Claims, characterized in that said valve device
25 (18) comprises a non-return valve for preventing flow of said sealing liquid along said feed line (4).

7) A kit (1) for repairing and inflating inflatable

articles, particularly tyres, characterized by comprising a container (3) as claimed in one of the foregoing Claims; and a dispenser unit (40) connectable detachably to said container (3) and having an inlet fitting (53) connected in fluidtight manner to said inlet (27c) of said valve device (18), and an outlet fitting (50) connected in fluidtight manner to said outlet (29a) of said valve device (18).

8) A kit as claimed in Claim 7, characterized in that said dispenser unit (40) screws onto a threaded neck (16) of said container (3) housing said valve device (18).

9) A kit as claimed in Claim 8, characterized in that said dispenser unit (40) comprises a cavity (48) housing said neck (16) of said container (3); said inlet (53) and outlet (50) fittings communicating with a bottom portion (52) of said cavity (48) via an axial conduit (54) and a transverse conduit (51), or vice versa; and said rod (27) cooperating at the end in fluidtight manner with an annular portion of a bottom wall (47) of said cavity (48) surrounding said axial conduit (54).

10) A kit as claimed in any one of the foregoing Claims, characterized by comprising a casing (6) housing a compressor assembly (2) and having a seat (7) for housing said container (3) and said dispenser unit (40).

11) A kit as claimed in Claim 10, characterized in that said seat (7) comprises a base portion (14) having fastening means (49) for securing said dispenser unit

(40) stably but detachably.

12) A kit as claimed in Claim 11, characterized in that said fastening means (49) comprise a bayonet connection.